

TECHNICAL SPECIFICATIONS

Weights and dimensions:

- Weight: 1.06 Kg
- Dimensions: (L)20.6cm x (W)26.2cm x (H)8.8cm

Environmental specifications:

- Operating temperature: - 5°C to +50°C (IEC 68-2-1, Test Ad -Low , IEC 68-2-2, Test Bd - High)
- Storage temperature: - 55°C to +70°C (IEC 68-2-1- Test Ab -Low), IEC 68-2-2 Test Bb -High)
- Operating humidity: + 40 °C @ 90-95% RH (IEC 68-2-3-, Test Ca) - 10 Days Duration
- Storage humidity: + 40 °C @ 90-95% RH (IEC 68-2-3-, Test Ca) - 10 Days Duration
- Thermal shock:
 - + 25°C to -50°C Dwell = 3 Hours at each extreme, drop time = 15 mins.
 - -50°C to +70°C Dwell = 3 Hours at each extreme, rise time = 24 mins.
 - +70°C to +25°C Dwell = 3 Hours at each extreme, Drop time = 9 mins.
(IEC 68-2-14 Test Nb, 2 Cycles)
- Damp heat cycle:
 - + 25 °C to + 40 °C - Rise time is 3 hr's @ 95% RH, dwell is 9 hours @ 90% RH
 - + 40 °C to + 25 °C - Fall time is 3 Hours @ 80% RH, Dwell Time is 9 Hours @ 95% RH
(IEC 68-2-30, Test Db, 2 cycles)

Dynamic:

- Transportation (packaged) vibrations: GR-63-CORE, Section 5.4.3
- Operational (unpacked) vibration: GR-63-CORE, Section 5.4.2.
- Transportation bounce: IEC 68-2-55, Method A
- Mechanical handling (Drop-Packaged): GR-63-CORE, Section 5.3.1
- Mechanical handling (Drop-Unpackaged): GR-63-CORE, Section 4.3.1.1 (Category A Container)
- Mechanical shock: IEC 68-2-27 Ea

Electromagnetic Emissions Summary

- FCC Part 15, Sub Part B, Class B
- EN 55022:1998 CISPR 22:1997, Class B
- AS/NZS 3548, Class B

Electromagnetic Immunity Summary (all of these tests are called up under EN 55024:1998)

- ESD-EN61000-4-2
- Electrical fast transient-EN61000-4-4
- Radiated susceptibility-EN61000-4-3